

File 348:EUROPEAN PATENTS 1978-2003/Mar W03

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File 349:PCT FULLTEXT 1979-2002/UB=20030327,UT=20030320

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?ds

Set	Items	Description
S1	6145	AUCTION? OR BID OR BIDS OR BIDDING? OR DUTCHAUCTION? OR REVERSE()AUCTION?
S2	44620	FINANCIAL() (INSTITUTION? OR ORGANIZATION? OR ORGANISATION? OR SERVICE? OR COMPANY OR COMPANIES) OR CREDIT() (UNION? OR ASSURANCE?) OR BANK OR BANKS OR BANKING
S3	61842	GUARANTEE? OR FACTORING()AGREEMENT? OR AGREEMENT?
S4	14618	(PARTIAL OR PORTION? OR PARTIALLY OR FRAGMENT?) (5N) (PAYMENT? OR FEE OR FEES OR COST? OR CHARGE? OR BILL OR BILLS OR BILLING? OR INVOIC?)
S5	343	S1(S)S2
S6	56	S5(S)S3
S7	4	S6(S)S4

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DIALOG(R)File 349:PCT FULLTEXT
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00994559

**DIGITAL OPTIONS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING
EXCHANGE THEREFOR**
**OPTIONS NUMERIQUES A RETOURS AJUSTABLES BASEES SUR LA DEMANDE ET BOURSE
D'ECHANGES COMMERCIAUX AFFERENTE**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2002US30309 20020909 (PCT/WO US0230309)

Priority Application: US 2001950498 20010910

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
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Fulltext Word Count: 122079

Fulltext Availability:

Claims

Claim

... a function of demand flow, i.e., amounts invested; and (4)
transaction fees or exchange **fees** can be a simple function of aggregate
amount invested. Other transaction fees can be implemented...loss orders
are notoriously difficult to execute in traditional markets, and traders
are frequently not **guaranteed** that the execution will occur exactly at
the pre-specified price. In preferred embodiments, and...local liquidity
and creditworthy - 124 counterparties further restrict access to a
tradable underlying supply. Regional **banks** that service local customers
have access to indigenous liquidity but poor credit ratings while
multinational commercial and investment **banks** with superior credit
ratings have limited access to liquidity. Because credit considerations
prevent external market...provide the following new opportunities for
trading and risk management:
(1) Credit enhancement. An investment **bank** can use demand-based trading
emerging market currency products to overcome existing credit barriers.
The...

...buy orders, combined with the limited liability of option payout
profiles (vs. forward contracts), allows **banks** to precisely define the
limits of their counterparty credit exposure and, hence, to trade with
local market institutions, increasing participation and liquidity.
Example 3 23: Central **Bank** Target Rates
Portfolio managers and market-makers formulate market views based in part
on their forecasts for future movements in central **bank** target rates.
When the Federal Reserve (Fed), European Central **Bank** (ECB) or **Bank**
of Japan (BOJ), for example, changes their target rate or when market
participants adjust their...

...income financial markets can react quickly and dramatically. Market participants currently take views on central **bank** target rates by trading 3-month interest rate futures, such as Eurodollar futures for the maturity while central **bank** target rates change overnight; and models for credit spreads and term structure are required for...invention to develop an explicit mechanism by which market participants can express views regarding central **bank** target rates. For example, demand-based markets or auctions can be based on central **bank** policy parameters such as the Federal Reserve Target Fed Funds Rate, the **Bank** of Japan Official Discount Rate, or the **Bank** of England Base Rate. For example, the underlying event may be defined as the Federal...In addition to the general advantages of the demand-based trading system, products on central **bank** target rates may provide the following new advantages for trading and risk management:

- (1) No...

...there is no maturity mismatch and no credit mismatch. Demand-based trading products for central **bank** target rates have no basis risk. (2) An exact date match to central **bank** meetings. Demand-based trading ... by matching the date of expiry of a contract with the date of the central **bank** meeting (3) A direct way to express views on intra-meeting moves. Demand-based trading...

...tailoring so that portfolio managers can take a view on whether or not a central **bank** will change its target rate intra-meeting. (4) Managing the event risk associated with a central **bank** meeting. Almost all market participants have portfolios that are significantly affected by shifts in target rates. - 126 Market participants can use demand-based trading options on central **bank** target rates to lower their portfolio's overall volatility. (5) Managing short-term funding, costs. **Banks** and large corporations often borrow short-term funds at a rate highly correlated with central **bank** target rates, e.g., U.S. **banks** borrow at a rate that closely follows target Fed funds. These institutions may better manage their funding costs using demand-based trading products on central **bank** rates.

Example 3 24: Weather

In recent years, market participants have expressed increasing interest in...obligations can be traded in a similar way. Hybrid Security Prices: Demand-based markets or **auctions** can be structured to trade DBAR contingent claims, including, for example, digital options, based on during any day. Interest Rates: Demand-based markets or **auctions** can be structured to trade DBAR contingent claims, including, for example, digital options, based on week or month. Foreign Exchange: Demand-based markets or **auctions** can be structured to trade DBAR conting I C)

...,ent claims, including, for example, digital...

...rate of the Korean Won on any day. Price & Return Indices: Demand-based markets or **auctions** can be structured to trade DBAR contingent claims, including, for example, digital options, based on...measurements can be used such as return instead of price.

Swaps: Demand-based markets or auctions can be structured to trade DBAR contingent claims, including, for example, digital options, based on traded in a demand-based market or **auction** are based on an underlying event defined as the 10 year swap rate at which...

...for an event of economic significance in a demand
1,, ni

based market or **auction** . For example, such derivatives can include futures, forwards, swaps, floating rate notes and other structured...a demand-enabled product alongside DBAR contingent claims in the same demand-based market or **auction** .

3.2 DBAR Portfolios

It may be desirable to combine a number of groups of...derivatives

securities, including digital options. Furthermore, in-house derivatives systems currently in use at major **banks** have basic digital options capability. Since digital options are commonly encountered instruments, many of the...investors to execute a trade at "their price" or better. Of course, there is no **guarantee** that such a limit order ...the equilibrium computation are considered mid-market prices, i.e., they do not include the **bid** and offer spreads owing to transaction fees. Published offer (**bid**) "prices" are set ...6.8(9) are performed each time the set of orders during the trading or **auction** period changes. For example, when a new order is submitted or an existing order is...177

Table 6 5

MSFI'Digital Options

Initial Prices

CALLS PUTS

STRIKE IND MID IND **BID** IND OFFER IND MID IND **BID** IND OFFER
30 0.85714 0.85664 0.85764 0.1428 0.14236 0.14336...Prices after
addition of five lots of 80 puts

CALLS PUT

STRIKE IND MID IND **BID** IND OFFER IND MID IND **BID** IND OFFER
30 0.84722 0.84672 0.84772 0.15278 0.15228 0.15328...and
60 addition of one lot of 50 puts

CALLS PUTS

STRIKE IND MID IND **BID** IND OFFER IND MID IND **BID** IND OFFER
30 0.82420 0.82370 0.82470 0.17580 0.17530 0.17630...180

Table 6 7

MSFT Digital Options

Equilibrium Prices

CALLS PUTS

STRIKE IND MID IND **BID** IND OFFER IND MID IND **BID** IND OFFER
30 0.830503 0.830003 0.831003 0.169497 0.168997 0.169997...

7/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00924748

NETWORK CHAT WITH INTEGRATED BILLING

BAVARDAGE EN RESEAU AVEC SYSTEME INTEGRE DE FACTURATION

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US10113 20010327 (PCT/WO US0110113)
Priority Application: US 2000192208 20000327; US 2001820271 20010327
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10357

Fulltext Availability:
Claims

Claim

... rate amendment process;
1 5 FIG. 18 is a flow chart showing a first **portion** of the end
billing session process; and FIG. 19 is a flow chart showing a second
portion of the end **billing** session process.
DETAILED DESCRIPTION OF THE INVENTION
The detailed description set forth below in connection...
...features. The features include time-and-billing, real-time language
translation, document translation, chat translation, **guaranteed**
identity matching, file transfer during chat point to point, sign and
encrypt, lock, client feedback...database (for PremiumCHAT's own records)
and the data then passed to Merchant Acct. Issuers/ **Financial**
Institutions / Banks specified URL for the Merchant Account signup
(passing the ...Forward to 130
130 - Prospective BSP forwarded to Merchant Acct. Issuers/Financial
1 5 Institutions/ **Banks** specified URL for the Merchant Account signup.
Data from initial signup passed' for M.A...
...information, prospective BSP can be forwarded to Figure
4; 400
320 - CSR contacts processors/issuing **banks / financial institutions**
to acquire necessary information for Premium Chat to activate prospective
BSP M.A. on Premium...Check (or equivalent) to decrease fraudulent card
use.) 850 - After checking CC or DC with **financial institutions /**
ACH, are funds available on BSP CC, DC, payment mechanism? (pass address
verification check (or...
...or p.m. (where applicable if new
card entered and/or requested by BSP)
- To **Financial Institution / Bank /ACH:**
o Debit BSP CC/DC/p.m. specified amount (as determined in 830)
- Funds...
...Session (a)
1200 - While initially consulting w/ BSP (as per Figure 14; Rate
proposals and **bids** are concurrent w/ text or vocal communication
throughout 'Negotiation session' or 'ReNegotiation Session' - to help...

7/3,K/3 (Item 3 from file: 349)
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00911741 **Image available**
EFFICIENT PRESENTMENT AND PAYMENT OF BILLS
PRESENTATION EFFICIENTE ET PAIEMENT DE FACTURES
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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US46700 20011203 (PCT/WO US0146700)

Priority Application: US 2000250814 20001201

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SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14254

Fulltext Availability:

Claims

Claim

... entities on all levels of the hierarchy. The payment process is shown
in FIG. 4. **Financial Institution** (s) (First Tier) may loan money to
the Owner/Developer (First Tier). The Owner/Developer...

...on period-by-period (usually month-by-month)

8

with the Owner/Developer paying a **portion** each period of the aggregated
bills, less retention, until the project is complete. At that time, the
vendors will bill for...work. The length of time between work completion
and payment receipts requires that these vendors **bid** substantial
incremental sums of money to compensate them for the cost-of-money over
time...

...BPA implements direct bill presentment

(and optionally direct claims waiver or release presentment), and direct
payment, of accurate **bills** for each **partially** or fully completed
and

approved task individually performed by any billing entity located in
the...waivers or releases signed by the billing entities, directly to the
Owner/Developer and/or **Financial Organization**. The Owner/Developer
causes approved bills to be paid directly to each billing entity, using
...jurisdictions, each billing entity's right, to be paid for tasks
completed according to project **agreements** is supported by the use of
mechanic's liens and/or other claims (such as...

...or any other form permitted by law. A conditional claims release is
contingent on receiving **partial payment**. An unconditional claims
release is not contingent on receiving **partial payment**, but is not
yet final because only a **partial payment** has been received. A final
claims release reflects receipt of Bill payment. I 0 The...

...be required by any local jurisdiction. Retention: Billing entities and
paying entities frequently agree that **portions** of monies owed to
billing entities for each billing period may be withheld from the 1 5
progress payments, even if work has been done properly and approved by
the authorizing entities. Under a typical **agreement**, these "retention"
amounts are paid upon completion of the project and not as an increasing
...claims infon-nation. Progress Billing Form is the form each billing
entity fills out to **bill** for tasks **partially** or fully completed
during the preceding billing or "progress" period. Progress Billing

Fon-ns are...

...entity has billed for 100 percent of the money owed (including retention) per its project **agreements**.
Progress Authorization Form is the form created by the BPA by compiling information from the...

...name

- 2 Project Identification Number
- 3 Project physical location (address)
- 4 Owner/Developer identification
- 5 **Financial institution** identification
- 6 Business types
- 7 Mailing addresses
- 8 Street addresses
- 9 Business phone numbers

to...

...Email addresses

- 1 1 Contact persons
- 12 Business organizational infon-nation
- 1 3 Financial and **banking** information
- 14 Relationships with other entities
- 1 5 Project schedule
- 16 Project billing specifications
- 17...and authority
- 9 Passwords
- 10 Security levels
- I I Business organizational information
- 12 Financial and **banking** information
- 13 Project Identification Number
- 1 4 Entity type/classification
- 1 5 Rel

ationships with...

7/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00280318 **Image available**

METHODS AND APPARATUS RELATING TO THE FORMULATION AND TRADING OF RISK MANAGEMENT CONTRACTS

PROCEDE ET APPAREIL DESTINES A L'ETABLISSEMENT ET A LA NEGOCIATION DES CONTRATS DE GESTION DE RISQUES

Patent Applicant/Assignee:

SHEPHERD Ian Kenneth,

Inventor(s):

SHEPHERD Ian Kenneth,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9428496 A1 19941208

Application: WO 93AU250 19930528 (PCT/WO AU9300250)

Priority Application: WO 93AU250 19930528

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LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR

GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 41169

Fulltext Availability:

Claims

Claim

... services. These services can include:

accounting, reconciliation, and information services; value added

information reseller services; **financial services** of multiple types; and data processing and telecommunications services. Effectively, software relating to these services...risk management contracts are options contracts, or futures contracts, or forward contracts, or forward rate **agreements**, or swaps, or like financial instruments based on specified, but yet-to-be-established, primary...

...risk management contracts are options contracts, or futures contracts, or forward contracts, or forward rate **agreements**, or swaps, or like financial ...Derivative trading allowed? No

Pricing and Matching Minimise consideration Deferred Order Submissions possible? Yes Process **payment** under an EV/CE **Partial** Matches possible? Yes Contract Counterparties! regime Settlement terms: Nil considerations immediate entitlements Immediate

Contract Revaluation...Applicable Applicable Consid./Entitlcmcnt Transfer Entity Applicable Marginal Tax rate (if applicable)? Account details : ABC **Banking** Corp

Consideration: Not Applicable Operating A/c 1 502026 1 (and 2)

Entitlements: Not Applicable...